

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	(differential adj1 clock) same (different adj1 phase\$1)	US-PGPUB; USPAT	OR	ON	2008/01/04 09:43
S1	1	"20040165679"	US-PGPUB; USPAT	OR	ON	2007/03/13 10:42
S2	185	(data recovery) same (high-speed adj serial adj link)	US-PGPUB; USPAT	OR	ON	2008/01/02 13:02
S3	19	(data adj recovery) same (high-speed adj serial adj link)	US-PGPUB; USPAT	OR	ON	2008/01/02 13:03
S4	154760	(clock adj2 signal)	US-PGPUB; USPAT	OR	ON	2007/03/08 11:29
S5	1067	S4 and (375/316)	US-PGPUB; USPAT	OR	ON	2007/03/08 11:31
S6	1042	(clock adj2 signal) with (data adj recover\$4)	US-PGPUB; USPAT	OR	ON	2007/03/08 11:30
S7	31	S6 and (375/316)	US-PGPUB; USPAT	OR	ON	2007/03/08 12:46
S8	16	("20020064425"   "20020131539"   "20030123594"   "3608660"   "4018190"   "4040566"   "4164149"   "5020078"   "5137353"   "5216391"   "5576065"   "6107691"   "6295327"   "6366225"   "6704355"   "7016449").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/08 12:48
S9	10	("20030108134"   "20040085995"   "20040109509"   "4486739"   "5974464"   "6198413"   "6538584"   "6614369"   "6696988"   "6917312").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/08 12:57
S10	2382	(clock adj signal\$1) same (differ\$3 adj phase\$1)	US-PGPUB; USPAT	OR	ON	2007/03/08 13:05
S11	33	S10 and (375/316)	US-PGPUB; USPAT	OR	ON	2007/03/08 13:05
S12	19	("5506875"   "5511100"   "5844436"   "5898744"   "5953386"   "6002279"   "6041090"   "6052034"   "6058151"   "6075416"   "6075825"   "6122336"   "6166572"   "6222419"   "6259755"   "6285261"   "6317005"   "6795510"   "6901126").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/08 14:11
S13	0	(clock adj signal\$1) same (select\$3 near circuit) same (differ\$3 adj pahse\$1)	US-PGPUB; USPAT	OR	ON	2007/03/08 14:13
S14	4617	(clock adj signal\$1) same (select\$3 near circuit)	US-PGPUB; USPAT	OR	ON	2007/03/08 14:13

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S15	781	(clock adj signal\$1) same (generat\$3 adj circuit) same (select\$3 near circuit)	US-PGPUB; USPAT	OR	ON	2007/03/08 14:14
S16	638	(clock adj signal\$1) same (generat\$3 adj circuit) same (select\$3 adj circuit)	US-PGPUB; USPAT	OR	ON	2007/03/08 14:14
S17	97	S16 and (differ\$3 adj phase\$1)	US-PGPUB; USPAT	OR	ON	2007/03/08 14:18
S18	1	S17 and (375/316)	US-PGPUB; USPAT	OR	ON	2007/03/08 14:18
S19	0	(PLL or Phase adj locked adj loop) same (OSR) same (deffer\$3 adj phase\$1)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:44
S20	0	(PLL or (Phase adj locked adj loop)) near (OSR) near (deffer\$3 adj phase\$1)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:47
S21	0	(PLL) near (OSR) near (deffer\$3 adj phase\$1)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:48
S22	842	(OSR)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:48
S23	42	S22 and (PLL)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:48
S24	8	S23 and (differ\$3 adj phase\$1)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:55
S25	1	(sub-clock) same (OSR) same (clock adj signal)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:57
S26	13	(clock) same (OSR) same (clock adj signal)	US-PGPUB; USPAT	OR	ON	2007/03/08 16:57
S27	0	(multiple near clock\$1) same (PLL) same (OSR)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:17
S28	14	(multiple near clock\$1) same (PLL) same (OSR or oversampl\$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:31
S29	13	("6111712").URPN.	USPAT	OR	ON	2007/03/12 10:29
S30	2	(second near clock\$1) same (PLL) same (OSR or oversampl\$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 10:36
S31	64	(second near clock\$1) same (OSR or oversampl\$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:14
S32	24587	(second near clock\$1)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:15
S33	174	S32 and (375/316)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:16
S34	47	S33 and (PLL)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:16

## EAST Search History

S35	6	(PLL or phase adj locked adj loop) near generat\$3 near (multiple near clock near signal\$2)	US-PGPUB; USPAT	OR	ON	2007/03/12 14:31
S36	0	(sub\$1clock adj signal) near generat\$3 near (multiple near clock near signal\$2)	US-PGPUB; USPAT	OR	ON	2007/03/12 14:33
S37	0	(second adj clock adj signal) near generat\$3 near (multiple near clock near signal\$2)	US-PGPUB; USPAT	OR	ON	2007/03/12 14:34
S38	55	(clock adj signal) near generat\$3 near (multiple near clock near signal\$2)	US-PGPUB; USPAT	OR	ON	2007/03/12 14:34
S39	19776	(CDR)	US-PGPUB; USPAT	OR	ON	2007/03/12 16:48
S40	1	S39 and (transition\$1detecting same adder same select\$3 same output)	US-PGPUB; USPAT	OR	ON	2007/03/12 16:52
S45	13	S39 and (transition\$1detecting)	US-PGPUB; USPAT	OR	ON	2007/03/12 16:57
S46	279	S39 and (adder)	US-PGPUB; USPAT	OR	ON	2007/03/12 16:58
S47	2	S46 and (data adj select\$3 adj unit)	US-PGPUB; USPAT	OR	ON	2007/03/12 16:59
S48	26	S46 and (data adj select\$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 17:00
S49	1	(CDR) near (detect\$3 adj unit)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:46
S50	0	(CDR) near (adder adj unit)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:47
S51	2	(CDR) with (adder adj unit)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:51
S52	0	(CDR) same (add) same (select\$3 adj unit) same (output)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:53
S53	0	(CDR) same add same (select\$3 adj unit) same (output)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:53
S54	0	(CDR) near add same (select\$3 adj unit) same (output)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:53
S55	908	(CDR) near (compris\$3)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:54
S56	1	S55 and (transition adj detect\$2)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:56
S57	876	S55 and (add\$3)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:57
S58	870	S57 and (select\$3)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:58

## EAST Search History

S59	0	S58 and (count adj signal)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:58
S60	0	S57 and (select\$3 adj unit)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:59
S61	1	S57 and (select\$3 adj2 unit)	US-PGPUB; USPAT	OR	ON	2007/03/13 10:59
S62	1	("6807233").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 14:05
S63	17	(first) same (second) same (third) same (sub\$1clock)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:41
S64	1	(first) same (second) same (third) same (sub\$1clock) same (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:41
S65	2	(sub\$1clock adj signal) same (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:43
S66	926	(clock adj signal) same (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:51
S67	19	S66 and (375/316)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:44
S68	439	(clock adj signal) near5 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:52
S69	5	S68 and (375/316)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:51
S70	2	(sub\$1clock adj signal) near5 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 13:53
S71	439	(clock adj signal) near5 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:16
S72	0	(clock adj signal) near5 (are) near (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:08
S73	439	(clock adj signal) near5 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:05
S74	0	(clock adj signal) near5 (are) near5 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:08
S75	8	(clock adj signal) near5 (is) near5 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:08
S76	262	(clock adj signal\$2) adj5 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:16
S77	112	(clock adj signal\$2) adj2 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:20
S78	48	(clock adj signal\$2) adj1 (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:19
S79	48	(clock adj signal\$2) adj (interpolator\$2)	US-PGPUB; USPAT	OR	ON	2007/03/15 14:19

## EAST Search History

S80	1	("7103343").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/15 15:13
S81	1	(clock near2 group\$1) same (data adj1 recovery) same (select\$3)	US-PGPUB; USPAT	OR	ON	2007/07/16 13:40
S82	41	((clock near2 group\$1) same (select\$3)) and (data adj1 recovery)	US-PGPUB; USPAT	OR	ON	2007/07/16 14:24
S83	123	(clock near2 group\$1) and (data adj1 recovery)	US-PGPUB; USPAT	OR	ON	2007/07/16 14:25
S84	9	S83 and ((375/316) or (375/373) or (375/355))	US-PGPUB; USPAT	OR	ON	2007/07/16 14:26
S85	386	(clock near2 group\$1) and ((multiple or two or plural) near2 (clock adj1 signals))	US-PGPUB; USPAT	OR	ON	2007/12/31 14:01
S86	25	S85 and ((375/316) or (375/355))	US-PGPUB; USPAT	OR	ON	2007/12/31 11:18
S87	19	(clock near2 group\$1) and ((multiple or two or plural) near2 (clock adj1 signals)) and (data adj1 recovery)	US-PGPUB; USPAT	OR	ON	2007/12/31 15:21
S88	1	(decreas\$3 or reduc\$3 or diminish\$3 or declin\$3) same (data adj1 recovery adj1 (error or mistake or fault)) same (serial adj link)	US-PGPUB; USPAT	OR	ON	2007/12/31 15:25
S89	1	(decreas\$3 or reduc\$3 or diminish\$3 or declin\$3) same (recovery adj1 (error or mistake or fault)) same (serial adj link)	US-PGPUB; USPAT	OR	ON	2007/12/31 15:25
S90	168	(decreas\$3 or reduc\$3 or diminish\$3 or declin\$3) same (recovery adj1 (error or mistake or fault))	US-PGPUB; USPAT	OR	ON	2007/12/31 15:25
S91	22	(decreas\$3 or reduc\$3 or diminish\$3 or declin\$3) same (data adj1 recovery adj1 (error or mistake or fault))	US-PGPUB; USPAT	OR	ON	2007/12/31 15:26
S92	21	(data adj recovery) same ((high-speed) adj (serial adj link))	US-PGPUB; USPAT	OR	ON	2008/01/02 13:04
S93	21	(data adj recovery) same ((high-speed) adj1 (serial adj link))	US-PGPUB; USPAT	OR	ON	2008/01/02 13:04
S94	0	(data adj recovery) same ((high-speed) adj1 (serial adj link)) and (differential adj1 clock)	US-PGPUB; USPAT	OR	ON	2008/01/02 13:04
S95	87	((375/316) or (375/355)) and (differential adj1 clock)	US-PGPUB; USPAT	OR	ON	2008/01/02 14:37
S96	23	S95 and (data adj1 recovery)	US-PGPUB; USPAT	OR	ON	2008/01/02 14:36

## EAST Search History

S97	0	((375/316) or (375/355)) and (differential adj1 clock) same ((different or difference or not\$1similar) adj1 (phase\$1))	US-PGPUB; USPAT	OR	ON	2008/01/02 14:39
S98	19	((375/316) or (375/355)) and (differential adj1 clock) and ((different or difference or not\$1similar) adj1 (phase\$1))	US-PGPUB; USPAT	OR	ON	2008/01/02 14:39